

AMENDMENTS TO THE CLAIMS:

This Listing of Claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1 – 14. (Cancelled)

15. (Previously Amended) A method of forming a model of a three dimensional object, comprising:

forming a coarsest version of the model;

forming a plurality of curves which do not intersect one another, and which start and finish at vertices defining a base domain;

determining non-normal vertices;

repositioning said non-normal vertices to form a number of normal vertices; and

forming a normal mesh based on the normal vertices.

16. (Previously Added) A method as in claim 15, wherein the normal vertices are each defined in terms of one scalar per vertex.